

AMENDMENTS TO THE SPECIFICATION:

Please delete the word "Description" at page 1, line 1.

Please add the following centered heading at page 1, line 4:

TECHNICAL FIELD

Please add the following centered heading at page 1, line 12:

BACKGROUND

Please add the following centered heading at page 3, line 12:

SUMMARY

Please add the following centered heading at page 10, line 13:

DESCRIPTION OF THE DRAWINGS

Please add the following centered heading at page 11, line 9:

DETAILED DESCRIPTION

Please replace the Abstract on page 27 with the following new Abstract:

A resonator for use with bulk acoustic waves includes a wafer, a layer structure above the wafer, and a dielectric layer above the layer structure. The dielectric layer acts

as a hermetic encapsulation for the resonator, and includes a material and has a thickness that result in a first acoustic impedance. A metal layer is above the dielectric layer. The metal layer includes a material and has a thickness that result in a second acoustic impedance. The second acoustic impedance is higher than the first acoustic impedance. The metal layer and the dielectric layer are parts of an acoustic mirror for bulk acoustic waves in the resonator. The layer structure includes first and second electrode layers that act as electrodes for the resonator, and at least one piezoelectric layer that is between the first and second electrode layers

Please delete the phrase "Figure 5" at page 27, line 15.